

## Claims

[1] A light diffusing sheet comprising a light-transmitting resin, characterized by having fine recesses formed in at least one of the surfaces thereof, the fine recesses having a shape which is any of the shape of an inverted polyangular pyramid, the shape of an inverted truncated polyangular pyramid, the shape of an inverted cone, and the shape of an inverted truncated cone.

[2] The light diffusing sheet according to claim 1, characterized by containing a light diffusing agent.

[3] A light diffusing sheet which comprises a core layer made of a light-transmitting resin and a surface layer laminated to at least one of the surfaces of the core layer and made of a light-transmitting resin or of a light-transmitting resin containing a light diffusing agent, characterized in that the surface layer has, formed in the surface thereof, fine recesses having a shape which is any of the shape of an inverted polyangular pyramid, the shape of an inverted truncated polyangular pyramid, the shape of an inverted cone, and the shape of an inverted truncated cone.

[4] The light diffusing sheet according to claim 3, wherein the core layer contains a light diffusing agent.

[5] The light diffusing sheet according to any one of claims 1 to 4, wherein the recesses have been regularly arranged.

[6] The light diffusing sheet according to any one of claims 1 to 5, wherein the bevel between the surface having fine recesses formed and each inclined face of each fine recess having the shape of an inverted polyangular pyramid or inverted truncated polyangular pyramid, or the bevel between that surface and the ridgeline of each fine recess having the shape of an inverted cone or inverted truncated cone is 15-70°.

[7] The light diffusing sheet according to any one of claims 1 to 5, wherein the bevel between the surface having fine recesses formed and each inclined face of each fine recess having the shape of an inverted polyangular pyramid or inverted truncated polyangular pyramid, or the bevel between that surface and the ridgeline of each fine recess having the shape of an inverted cone or inverted truncated cone is 35-70°.

[8] The light diffusing sheet according to any one of claims 1 to 7, wherein the proportion of the area occupied by the fine recesses in the surface having the fine recesses formed

is 30-100%.

[9] The light diffusing sheet according to any one of claims 1 to 8, wherein the fine recesses have been formed in an oblique-line arrangement.

[10] The light diffusing sheet according to any one of claims 1 to 9, wherein the surface on the side opposite to the surface having fine recesses formed has recesses and protrusions which are finer than the fine recesses.

[11] The light diffusing sheet according to any one of claims 1 to 9, wherein a functional layer having light-transmitting properties has been laminated to the surface on the side opposite to the surface having fine recesses formed.

[12] The light diffusing sheet according to claim 11, wherein the functional layer having light-transmitting properties comprises an ultraviolet-absorbing layer and/or an antistatic layer.

[13] A backlight unit characterized by including the light diffusing sheet of any one of claims 1 to 12 which has a thickness of 50-300  $\mu\text{m}$  and has been disposed on the front side of a lightguide plate so that that surface of the sheet which has fine recesses

formed serves as a light emission side.

[14] A backlight unit characterized by including the light diffusing sheet according to any one of claims 1 to 12 which has a thickness of 0.3-5 mm and has been disposed in front of a light source so that that surface of the sheet which has fine recesses formed serves as a light emission side.